

MD iMap Technical Committee Meeting Minutes

Place: Maryland Department of the Environment (MDE): Terra Conference Room (Baltimore, MD)
Date: 2/21/12
Time: 1:00 PM – 3:00 PM
Attendees: Rowland Agbede (MDA), Michael Bentivegna (CGIS), Ashley Buzzeo (CGIS), Manosh Chakravorty (Google – Presenter), Kevin Coyne (DNR), Kaushik Dutta (MDTA), Julia Fischer (DBED), Matt Folley (MDP), Jason Keppler (MDA), Barney Krucoff (GIO), Monideep Nag (Google – Presenter), Frank Siano (MDE), Michael Smith (Google – Presenter), Marshall Stevenson (KCI) and Brad Wolters (DHCD)

AGENDA:

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|---|-------------|
| • Introductions | 1:00 – 1:10 |
| • Google Geo Update and Google Earth Builder Presentation | 1:10 – 2:40 |
| • Application Subcommittee Updates | 2:40 – 2:45 |
| • Data and Resources Subcommittee Updates | 2:45 – 2:50 |
| • Outreach Subcommittee Updates | 2:50 – 2:55 |
| • Security Subcommittee Updates | 2:55 – 3:00 |

NEW ACTION ITEMS:

Description:	Date Assigned:	Follow Up By:
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ON-GOING ACTION ITEMS:

Description:	Date Assigned:	Follow Up By:
Online Mapping Application Contest @ TUGIS Discussion <ul style="list-style-type: none"> • Provide text of what should go into the program concerning this contest • Send to Jay Morgan: How many terminals might be needed for this contest? – 2 to 3 terminals? 	Submitted: 2/8/12	GIO
Executive Order <ul style="list-style-type: none"> • Distribute updated Executive Order to Julia Fischer to distribute to Tech Comm 	Submitted: 12/20/11	GIO
Central License Server <ul style="list-style-type: none"> • Contact Barney Krucoff if you want to test your agencies' accessibility to CLS 	Submitted: 12/6/11	Technical Committee
ELA License Request Form/Website <ul style="list-style-type: none"> • Website is now ready (Must have SwGi connectivity to access) 	Updated: 2/8/12;	GIO

https://www.doit.state.md.us/selectsurvey/TakeSurvey.aspx?SurveyID=n4LJ5n4 <ul style="list-style-type: none"> Website almost ready Send out for comment Share existing form information with group 	12/20/11; 12/6/11 Submitted: 11/1/11	
ELA Renewal <ul style="list-style-type: none"> Post GSA price schedule for reference 	Submitted: 11/1/11	GIO
ELA Call List <ul style="list-style-type: none"> Email updated version of call list to Tech Comm 	Submitted: 9/20/11	Co-Chairs
ELA <ul style="list-style-type: none"> Provide list of contributing agencies to MD iMap Tech Comm Provide list of contributing agencies 	Updated: 11/1/11; 8/2/11 Submitted: 7/19/11	GIO
ArcGIS 10 Migration <ul style="list-style-type: none"> AGS Migration Completed Successfully SDE Migration to occur in January 2012 Provide outline and pros/cons list to provide to Executive Committee (CGIS) Provide information about how long MD iMap will be down and plan for migration (CGIS) CGIS is testing implications of migration Further discussion is necessary concerning this topic 	Updated: 12/20/11; 6/21/11; 11/16/10 Submitted: 9/21/10	Technical Committee

Application Subcommittee:		
Description:	Date Assigned:	Follow Up By:
Stronger Maryland Together Campaign <ul style="list-style-type: none"> Write synopsis of process and see if update manual can be shared with the group Share with MD iMap group link to webpage 	Updated: 11/15/11 Submitted: 11/1/11	Michael Bentivegna
Future of Flex Programming <ul style="list-style-type: none"> Approach Steven Anderson (Axis Geospatial) about presenting his pros/cons presentation to the group 	Submitted: 11/1/11	Jim Cannistra
Application Specific Services <ul style="list-style-type: none"> Facilitate a discussion with CGIS concerning potential options for map service storage and organization 	Updated: 11/1/11 Submitted: 7/5/11	GIO
Support of StateStat Application (Capital Budget & ARRA applications) <ul style="list-style-type: none"> Graph of hours/budget of efforts to support these applications (CGIS) Provide an understanding of when support crosses from normal, 	Submitted: 6/21/11	CGIS

budgeted attention to custodian of application needs to be charged extra because of rush charge, etc. (CGIS)		
Application Submission Procedures <ul style="list-style-type: none"> Update detailed procedures for application creation and update Resend Application Submission Procedures draft to Technical Committee (Co-chairs) 	Submitted: 6/21/11	Technical Committee
License Agreement in regards to Code Sharing <ul style="list-style-type: none"> Brian Sivak wants applications and their code to be in the public domain and freely available for sharing Awaiting response from Kenny Miller concerning how to proceed Check with Brian Sivak for comment concerning whether to code share through MD iMap Portal or another open source repository 	Updated: 11/1/11; 7/5/11; 6/21/11 Submitted: 6/7/11	GIO
Code Acquisition for MD iMap Portal <ul style="list-style-type: none"> Provide updated worksheet to Kenny Miller for review, after updates have been applied (Kaushik Dutta) Development Code Worksheet Generated (Kaushik Dutta) Date of Launch – add this additional column and information to worksheet (Kaushik Dutta) Work on filling in missing information (Kaushik Dutta & Kenny Miller) Meeting to be scheduled to discuss next steps Excel spreadsheet inventory being produced by CGIS and MES Actively being pursued Obtain Flex code from CGIS and MES for MD iMap-based applications 	Updated: 7/5/11; 6/7/11; 1/4/11; 12/21/10; 12/7/10; 11/16/10 Submitted: 10/19/10	Kaushik Dutta Kenny Miller
Developer Contact List <ul style="list-style-type: none"> Submitted to Deputy GIO List to be developed Compile developer point of contact list 	Updated: 9/20/11; 4/5/11; 12/21/10 Submitted: 11/16/10	Application Subcommittee Kaushik Dutta
arcgis.com My Maps <ul style="list-style-type: none"> Discussion has occurred, but final decision on hold Need to consider how MD iMap services appears when pulled into arcgis.com and suggest potential changes Work with the product and come to next meeting with feedback 	Updated: 9/20/11; 3/1/11 Submitted: 2/15/11	Technical Committee
Rapid Application Prototype <ul style="list-style-type: none"> On hold for funding availability Consider if arcgis.com will meet the majority of needs proposed for this effort Proposal updates being implemented 	Updated: 9/20/11; 2/15/11; 12/21/10; 12/7/10;	Deputy GIO Application Subcommittee Technical Committee

<ul style="list-style-type: none"> CGIS to provide updated proposal based on comments CGIS provided proposal for review and comment CGIS to provide updated cost/hours estimate based on results of Q&A and discussion conducted during 10/19/10 Tech. Comm. meeting CGIS to provide cost/hours estimate by next Tech. Comm. meeting Obtain pricing, based on specifications of application, from CGIS and MES <p>Email has been sent out to CGIS and MES from Kenny Miller – awaiting response</p> <ul style="list-style-type: none"> Consolidate list of requirements for a rapid application deployment option (Phase 1) Email consolidated list of requirements to Tech. Comm. <p>List has been generated and is available for review</p>	11/16/10; 10/19/10; 10/5/10; 9/7/10 Submitted: 7/12/10	
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Data & Resources Subcommittee:		
Description:	Date Assigned:	Follow Up By:
REST Endpoint Service Descriptions <ul style="list-style-type: none"> Any changes that need to be made to these descriptions or legends should be submitted to Ashley Buzzeo 	Submitted: 12/20/11	MD iMap Service Data Owners
ICC Corridor <ul style="list-style-type: none"> Need to talk with Transportation about obtaining this information and re-cache the basemap 	Submitted: 12/6/11	Ashley Buzzeo
WFS-Enabled OSPREY Services <ul style="list-style-type: none"> Follow up with owners of OSPREY data to determine if layers can be WFS-enabled 	Submitted: 12/6/11	Julia Fischer
Log Package Acquisition <ul style="list-style-type: none"> Provide package name and cost for next meeting 	Submitted: 12/6/11	Michael Bentivegna
Loading 2011 Imagery <ul style="list-style-type: none"> Will need to verify that the visual quality of .jpgs is as good as .tiffs 	Submitted: 12/6/11	Jim Cannistra
NAIP 2011 Imagery <ul style="list-style-type: none"> Check that DNR has this information to be posted on MD iMap 	Submitted: 12/6/11	Kevin Coyne
GreenPrint Mapping Application <ul style="list-style-type: none"> Determine if GreenPrint version on MD iMap infrastructure can be removed 	Submitted: 11/15/11	Kevin Coyne
Data Submission Policy Updates: <ul style="list-style-type: none"> Add “Update frequency, “Last updated” and “WFS-enable: Y/N” in Data Submission Policy 	Submitted: 10/4/2011	Data and Resources Subcommittee
WGS Basemap from OSPREY <ul style="list-style-type: none"> Check to determine status of providing this basemap via MD iMap 	Submitted: 10/4/2011	Data and Resources Subcommittee
SHA Basemap <ul style="list-style-type: none"> MXD being generated, cache to follow 	Updated: 12/6/11	Ashley Buzzeo

<ul style="list-style-type: none"> Obtain information from SHA, re-cache and add as map service to MD iMap 	Submitted: 10/4/2011	
GIS/Archives Appraisal Questions <ul style="list-style-type: none"> Distribute survey to as many municipal, county and state agencies, as possible, for potential participation 	Submitted: 7/5/11	Technical Committee
Feedback/Requests concerning MD iMap <ul style="list-style-type: none"> Check for hillshade, which can be added as map service, @ MDP Add Hillshade Service: Inquire at DNR if they have a hillshade available Add Map/Parcel ID Look-Up: Follow up with requestor (Jason Zhao – MDE) to clarify request 	Updated: 10/4/2011 Submitted: 6/7/11	Jim Cannistra
“Political Boundaries” Map Service <ul style="list-style-type: none"> MXD and data submitted by Cindy Powell at DNR MXD modified in May 2011 Review the “Political Boundaries” map service, determine the source and last update date 	Updated: 10/4/11 Submitted: 6/7/11	Ashley Buzzeo Brad Wolters
Eastern Shore Imagery Assimilation <ul style="list-style-type: none"> Draft email, Portal post and tweet for notifying of these changes Eastern Shore imagery is now on production server Rename “NAIP” service to “Composite” service – Completed Tweets and email message of new imagery release Provide draft write up of details and FAQs (Jim Cannistra) Add new “Composite” imagery service now and phase out “NAIP” service (CGIS) – Completed Check server space available versus need – Working w/DNR & CSSC Cost estimate for additional storage space for new imagery – Working w/DNR & CSSC 	Updated: 10/4/11; 6/21/11; 4/5/11 Submitted: 3/15/11	Ashley Buzzeo Jim Cannistra
Point of Interest/Place Name Geocoder <ul style="list-style-type: none"> Ashley Buzzeo will work with Brad Wolters to determine if this composite geocoder will meet these additional search criteria needs 	Submitted: 1/18/11	Ashley Buzzeo Brad Wolters
WFS Services <ul style="list-style-type: none"> Top 10 list to be assembled during next Data & Resources Subcommittee meeting List of enable services, email to group 	Updated: 4/5/11 Submitted: 3/15/11	Ashley Buzzeo Data & Resources Subcommittee
Web Mercator Data Service Projection <ul style="list-style-type: none"> Per MES, EMMA replacement will use Web Mercator projection Assess costs in labor and storage for creation of MD iMap data services (except imagery) in Web Mercator projection – Will determine with DNR & CSSC (lots of variables: migration to 10, etc.) 	Updated: 10/4/11; 4/5/11 Submitted: 1/4/11	CGIS
Metadata Services	Updated: 1/18/11;	Data & Resources

<ul style="list-style-type: none"> • Forward electronic list to group • Updated list to be provided by Friday, 1/7/2011 • Updated list to be provided at 1/4/2011 meeting • Remaining “offenders” actively being pursued • Resend email to “offenders” to complete metadata • Email resent and follow-up by Kenny Miller to occur • MDP has provided metadata for all their services on MD iMap • Follow-up concerning how to obtain the missing metadata for services currently being hosted on MD iMap • Email sent to Kenny • Agency leads from Tech. Comm. to make progress <ul style="list-style-type: none"> ○ Direct contact of data owners • A listing of services for which metadata is needed was provided. It was discussed that some metadata may not be available from the data producers. This is especially true for parcel data. Metadata at the service level will be written by MDP for parcel data to go along with the MD iMap refresh process 	1/4/11; 12/21/10; 10/5/10; 8/3/10; 7/12/10; 6/22/10; 5/18/10 Submitted: 4/20/10	Subcommittee Co-chairs
<p>Basemap Template Upgrade/Gazetteer Service Update</p> <ul style="list-style-type: none"> • Review and provide feedback to Ashley Buzzeo (Technical Committee) • Provide hours concerning clean-up, update and reaching of this layer (Ashley Buzzeo) • Submit additional comments for updates to Ashley Buzzeo • Obtain most up-to-date county boundary from SHA • Add state and county boundaries and Interstate and US Highways for all states adjacent to Maryland and NJ • Comments for changes should be sent to Ashley Buzzeo • Meeting to be scheduled to discuss next steps • Upgrade basemap using Esri template 	Updated: 6/7/11; 4/5/11; 1/4/11; 12/21/10 Submitted: 10/19/10	CGIS Data & Resources Subcommittee Technical Committee
<p>Google Urchin</p> <ul style="list-style-type: none"> • Add to next agenda – What should be shared on Portal? How to share archival stats? • CCBC has not been able to incorporate this into their workflow as planned – New plan needed • CCBC has updated through March 2011 and will post on portal • CCBC updating stats and will be posted to portal shortly • Check with Lisa Lowe to make sure she is able to handle additional questions that might come through the contact links from the Portal page (Tech Comm Co Chairs) • Contact Ashley Buzzeo, Scott Jeffrey or Brad Davis with additional comments and clarifications needed to be included in the reports, so they are understandable to those viewing reports from the Portal (Tech Comm) 	Updated: 12/6/11; 10/4/11; 4/5/11; 3/1/11; 12/7/10; 11/16/10; 10/5/10; 9/21/10 Submitted: 9/7/10	GIO CGIS Technical Committee

<ul style="list-style-type: none"> Manual has been generated for extracting web analytics from Google Urchin Manual submitted for review by Technical Committee Actively working on clarifying categories to be included on report Provide categories to be included in statistical output report Categories have been provided to CGIS by GIO Meeting to address scheduled for 9/22/10 at CGIS 		
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Education & Outreach Subcommittee:		
Description:	Date Assigned:	Follow Up By:
mdimap.us Marketing <ul style="list-style-type: none"> Coordinate with Ashley Buzzeo and Lisa Lowe to get these various communications completed 	Submitted: 12/6/11	Julia Fischer
Twitter/Communication Plan <ul style="list-style-type: none"> List of every CIO for inclusion on email alerts 	Submitted: 11/15/11	GIO
Ramona <ul style="list-style-type: none"> Intern hired – will provide in next few months Send out available stats .pdf for review Check with IT person for Ramona to get MD stats 	Updated: 10/4/11; 4/5/11; 3/15/11 Submitted: 3/1/11	Ashley Buzzeo
<ul style="list-style-type: none"> Link to Merlin needs to be added to MD iMap Portal webpage 	Submitted: 12/21/10	Lisa Lowe
<ul style="list-style-type: none"> Discuss with Broadband Team concerning functionality and code availability Discuss adding a feedback button to MD iMap Portal webpage 	Updated: 10/4/2011 Submitted: 12/21/10	Outreach Subcommittee Lisa Lowe
<ul style="list-style-type: none"> Recruit participants Obtain feedback concerning how to improve upon current outreach strategies Email potential new members directly 	Updated: 5/18/10; 4/20/10 Submitted: 3/16/10	Outreach Subcommittee
<ul style="list-style-type: none"> Proactive Marketing of MD iMap 	Submitted: 9/21/10	Outreach Subcommittee

Security Subcommittee:		
Description:	Date Assigned:	Follow Up By:
Charter <ul style="list-style-type: none"> Generate a charter 	Submitted: 12/7/10	Security Subcommittee

Security Model <ul style="list-style-type: none"> On hold for funding availability Provide a copy of MD iMap Security Presentation to Brian Sivak (Jim Cannistra) Price quotes from proposal submission to be updated Additional documentation needed to address: <ul style="list-style-type: none"> Cost of Delay Justification of security (limitations, efficiencies) Needs Assessment to determine groups and definitions Schedule meeting for Friday, October 22, 2010 to formalize document and format presentation for October 27, 2010 Exec. Comm. meeting Generate detailed document and presentation for October 27, 2010 Exec. Comm. meeting Document for presentation to Exec. Comm. at Oct. meeting Demo accompanying document to Exec. Comm. at Oct. meeting In progress, to be submitted by next Tech. Comm. meeting (10/5/10) 	Updated: 6/7/11; 3/1/11; 10/27/10; 10/19/10; 9/21/10 Submitted: 8/3/10	Security Subcommittee
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COMPLETED ACTION ITEMS:

Description:	Date Assigned:	Follow Up By:
TUGIS Conference MD iMap Presentation <ul style="list-style-type: none"> Get the names and titles and descriptions to Jay by early next week 	Submitted: 2/8/12	Co-Chairs

Introductions:

Round-the-room

Google Geo Update and Google Earth Builder Presentation

Earth Builder similar to Google Docs interface

Key Strengths:

- Security, User Authentication and Access Control Lists (https accessibility)
- NGA was first customer and driving the product roadmap
- Government Cloud solution
- Google infrastructure is robust
- Google SLA Uptime is 99.9% (Service Level Agreement)
 - Don't built products with any downtime for maintenance, etc.
- End Users can upload, share and create content
- Data stewards can own and publish data directly (this can geographic-referenced data or non-georeferenced data)
 - Ease of deploying points on a map by non-GIS users without GIS desktop software
 - Move to multiple mobile device deployment
 - Enhance your Esri core products with Google functionality
 - Goal is to create a redundant system, not replace current system

Question: Agency CIOs discussing information about move to Google Apps (Gregg Urban – DoIT)

Google Map Maker

- Enterprise customer gets a level of service where uptime is never a concern
- Google map maker pulse
 - Always up to date
 - Anyone can edit Google maps itself (crowdsourcing the updating of information on Google Maps)
 - All data on US is owned by Google
 - Enables users to log in and edit data on the map
 - Edits are vetted/QCed by Google before being posted to live web
 - Turn around process: 3 weeks
 - Question: Can government be inside that loop? Can be, but have not been in the past
 - Perhaps the state can get involved in helping speed up this process for vetting and getting updates to the data faster onto the web

Question: How is cadastral and metadata handled? How often are updates done and how can you make metadata available? – in Google Earth

- Parcels coming from a third party vendor or are being scoured from the web and not updated as often as should be
- No information to show when the data was published
- Need to work with local governments to make sure that updates are being added more often
- Need to include a date, so the dates of the latest versions of data layers being rendered on Google products
- HTML files can be made as reference endpoints through Google products utilizing Map Builder

Google Earth Builder

- Cloud-based application
- Moving data into the cloud, enabling various types of users to modify and edit the data
- Access control – who can access data and when
- Lists of available data can be made visible in the Earth Builder interface
 - Who created by
 - Who last modified by
 - Who shared with
 - 3 levels of access control: Admin, Map Editors, Map Viewers
 - Administrators: have access to the entire site (IT Admin for example) (GIS Managers)
 - Create users, and manage groups but not working a lot
 - Map editors: upload data, stylize and publish a map (GIS Technicians, Analysts)
 - Map viewers: can't log into Earth Builder, but have access to the maps published (End Users)
 - Each map consists of layers of data (KML, shapefiles and some other formats can be added into Earth Builder)
 - Layers are stylizations of data
 - Layer published to a map which a collection of layers

How to use data inside of EB – WMS, map widget, Google earth and Google maps

- Visualize through maps API itself or the maps widget
- Maps widget is good for a quick turnaround of map
 - Layers on/off
 - Toggle features on/off
 - Identify
- Work on a more long-term solution with Google API
 - Custom environment
 - Additional tools can be added here

Upload the raw data to Google and its tiled for you to speed up the rendering of the maps

Question: Can interact with REST endpoints? Can you pull cache from Google to another REST endpoint?

- Google Maps or Earth APIs would have to be used to mash-ups layers enabled through Google EB
- Can Google products be brought into another environment, such as JavaScript or Flex – accessed through a REST service?
- Open format outside of Google products is WMS, don't have WFS (working on it), not working on a KML endpoint at this time
- WMS is an open specification which allows for ease of sharing across many environments
- WMS all symbology is determined by publisher
 - Working on Developer access for custom symbology; SLD – custom styles, open spec within WMS

Most recent versions of Google Earth client have log-in area available

Log into EB directly through Google Earth

Gain the familiarity that end users have with the basic navigation and functionality of Google Earth

- Can publish in this fashion and target Google users, making data publicly available
- Non-GIS users gaining access to GIS data

Question: Can geoprocessing service being called into EB?

- Call ArcGIS Server directly through EB and display results
- Could also run regularly and write a script to pull updated results into EB for visualization
- Interaction with Google API to accept a data value, run the service and return an answer (geoprocessing model capabilities integrated into Google products)

Google Fusion Tables (current beta) – allows for point rendering on the map, points are identifiable

- Leverage Google Cloud to render the data onto the map (allows for positive performance issues)

Question: Can those points be accessed in another interface? How can they be published outside Google Maps API?

- WMS would again be a way to access
- Working on a toolbar for ArcGIS Desktop, working to integrate with Esri products (still in development phase)
- EB toolbar, add-on and integrate for free
 - Sync with local copies of data

- Missing WFS or feature query support (#1 priority of dev team (Create Read Update and Delete capabilities are being worked on)

Question: What are the costs? What do you have to pay for?

- Pay for storage – how much data uploading and processing of the data and Pay for map loads (loading data from EB – requests to EB to load a dataset), not interactions after the map has initially been loaded
- Have to figure these things out ahead of time
- Usage is split to public and private maps loads (\$20,000 (list with government discounts applied) – 10 million public loads, 10,000 private map loads, 10GB of data) – local government schema

Question: What are the benefits of accessing EB if there is already an Esri portion that is available for free?

- Allows for scaling to allow for more access to end users (strongest cloud environment in industry)
- Mobility and how much you want to “empower” your end users
- Currently have a system which still has room for expansion, but need to think about this now because we could become anchored to arcgis.com by reaction, if not planned out ahead of time
- Not in a hurry to get a solution up and running at this time, want to compare our options

Question: EB paying for private cloud storage – everything there is owned by the state, Google cannot harvest for sharing with the public

- Customers decides what is public and what is private
- EB on COTS II contract

Question: Apps all data is inside of the US, video is still international and working to move inside. EB inside the US cloud or inside international Cloud

- Working to make it inside the US/Gov Cloud, but currently inside the international Cloud
- Google Apps for Government will be available in months

Google Earth Enterprise being used by MdTA

- Have Esri and Google both running – view part on the Google Earth Enterprise
- 250 concurrent licenses allowed on Google Earth server
- Most users are non-GIS users, they already understood the public version and were comfortable with this interface
- Secure layers, by active directory on a windows machine has been done for layers that need to be secured
- Not an analytical tool

Question: current REST services opened in Google products, performance is not very good, what can be done to increase performance?

- On the fly projection might be slowing the process
- Rendering doesn't always show up very well

Question: 10GB max is whatever is uploaded, all caches created are not counted against the total amount

- Store copies of raw data uploads
- Working on download tool to allow for downloading Apps data or raw data that has been updated to the Cloud

- Don't charge for uploading and downloading in EB
- Access controlled raw data for downloading by other users, in the future

Question: Fusion Table capacity through Google Docs or existing capabilities?

- Working to marry some of the functionality with Docs, but more than a year away to accommodate Google Docs spreadsheet to Fusion Tables directly

Question: How much control over geocoding do we get?

- Includes low-level Google Maps API functionality and capabilities, geocoding is a part of this EB product
- Five different levels of accuracy for filtering
- Geocoding service (client side and server side) – create a script to call REST services, but the results have to be displayed on top of Google Maps
 - Not an independent geocoding service
- Can cache information from a geocode service if you plan to show it on top of Google Maps, at some time
- Limit to the number of points that can be geocoded? – 2,500 geocodes per day through free IP, 100,000 from a single IP for a business or paid service and can expand for an additional charge

Application Subcommittee Updates

No updates at this time

Data and Resources Subcommittee Updates

Imagery has been updated periodically for the western shore with 2011 imagery

- MDP wants to send out a service alert after a certain amount has been updated
- What is the process time between submission and update on imagery service

Parcel service was just updated for eastern shore counties

A number of other updates and additions to services

REST service look-up in live and working well

Service outage on Sunday morning (early – couple of hours)

- Upgrading SDE to 10 for staging and pre-release
- Please notify Ashley Buzzeo if anything is going on on Sunday where the outage shouldn't occur

Requirements for what we are doing with SwGi, what needs to be architected for MD iMap to use it?

- Is SwGi going to be the only connection?
- Need requirements for routing internet traffic vs SwGi traffic and some other questions CGIS has
- Need to understand goals and requirements are going to be anticipated in the future
- Preliminary meeting with a smaller group
 - Can setup a meeting with Barney and other who want to participate on the phone
 - Understanding the requirements
- Bring to the larger group
 - Also determine once the requirements is set, how to accomplish that
 - What are the things that you want to be able to accomplish

- Determine pros and cons and test solutions
- Come up with multiple solutions that meet multiple needs
- Potentially editing Esri REST interface to provide a link to download data from the same place where the user is viewing the metadata, makes sure the most up-to-date version is being downloaded through a script
- One goal is to get to the SDE server through the SwGi connection, read-only instance can meet the needs of majority of the state agencies
 - DC Government: Generic named user for everyone which is a read-only account
 - DC Government: Direct connect for those who needed to be connected for edits and contributing to SDE
 - Layer files were maintained by central GIS team and could be accessible via the SDE, default cartography, there were group layer files and start with cartography that was provided, but could be changed, scale dependencies were also set
- Also want to be able to publish data just amongst ourselves, not available to the public
 - Perhaps put parcels up for internal user, which is something that is not available to the public

Question: Have you looked into geodata services?

- Has been used for centerlines project that has been involved
- Some concern about reliability
- Have also been working on WFS enabling to try and share data
- Perhaps take another look at it and see if its reliability has increased

Outreach Subcommittee Updates

No updates at this time

Security Subcommittee Updates

No updates at this time